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NUMBER OF PERSONS ENGAGED IN MANUFACTURING
AND MINING AS OF DECEMBER 1951 IN FORMOSA*

<u>Hsien</u>	<u>Manufacturing</u>	<u>Mining</u>
Taipei (incl. Yangmingshan Adm)	67,963	40,686
Yi-lan	5,449	-
Tao-yuan	5,800	941
Hsin-chu	8,382	2,363
Miao-li	8,797	4,465
Tai-chung	17,880	66
Nan-tou	3,148	-
Chang-hua	8,909	-
Yun-lin	6,568	-
Chia-yi	11,743	-
Tai-nan	24,027	256
Kaohsiung	28,109	-
Tai-tung	2,615	-
Hua-lien	1,117	39
Peng-hu (Pescadores)	1,343	-
Total	206,740	49,756

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* Taiwan Provincial Government, The Structure of the
Taiwan Economy, Taipei, 1953.

45:Stanford U. S-4, 5 1956 ADI Formosa

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VII. METALLURGY AND METALWORKING

A. Aluminum

325 The Japanese, in the second phase of
433 their economic development of Formosa, constructed aluminum plants at Kaohsiung and Hualien in order to take advantage of the abundant power available in the island. The Kaohsiung plant then had an annual capacity of 20,000 metric tons of aluminum ingot. (The Bayer process was utilized for ore separation.) During World War II, the plants were badly damaged. Following the war, the Kaohsiung plant was rebuilt, and what remained of the Hualien plant was sold to a fertilizer manufacturing company.

Formosa's only producer of aluminum ingot, the Taiwan Aluminum Corporation, has a productive capacity of approximately 8,000 metric tons of ingot and 4,000 tons of sheet aluminum at the Kaohsiung plant. Aluminum goods, such as home appliances, kitchen utensils, and quartermaster supplies for the military, are produced by 77 small privately owned companies and one government-owned company.

Of the raw materials needed for the production of aluminum, bauxite is imported from Bintam Island, Malaya, and petroleum coke is imported from the United States.

B. Steel and Iron

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433 The island of Formosa produces little iron ore. Production of pig iron, derived from

- 327 imported iron ore, amounted to 8,6000 metric
 433 tons in 1954; reclaimed pig iron, derived from
 scrap iron, amounted to 8,672 metric tons in
 the same year. The island has the facilities to
 produce 13,000 metric tons of pig iron and 15,290
 metric tons of reclaimed pig iron annually.
 Small iron and steel plants (foundries, blast
 furnaces, rolling mills, electric furnaces) are
 located in Kaohsiung, Taipei, Patu, Tainan, Kang
 shan, Sungshan, Hualien, and Keelung.

325 Production of basic metals is given below:
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PRODUCTION OF BASIC METALS */

(in metric tons)

	<u>Aluminum</u> <u>ingot</u>	<u>Pig iron</u>	<u>Reclaimed</u> <u>pig iron</u>
1948	2,509	9,221	3,284
1949	1,317	1,559	4,275
1950	1,764	78	5,600
1951	2,984	733	5,385
1952	3,856	620	6,415
1953	4,915	3,927	6,929
1954	7,131	8,591	8,772

*/ Taiwan Economic Data Book, Part II,
 Vol. 3, 1955.